



MANUFACTURED BY  
**ROBAND AUSTRALIA PTY LTD**



# **OPERATING INSTRUCTIONS**

## **LAMP ASSEMBLIES**

**MODELS: HF900, HF1500**

Version 1 Units

### **Special Features:**

On/Off Isolating Switch  
Stylised Design  
Prismatic Diffuser included

These instructions cover the models of Roband® Lamp Assemblies listed above. Although there are slight variances between models, the installation, operation, care and maintenance procedure is the same for all.



Roband Australia is a wholly Australian owned company, which has been manufacturing quality commercial catering equipment for the food service industry for more than 45 years. Roband products are engineered and manufactured to the highest standards to provide functionality, reliability and durability, and our quality products are exported world-wide.

Included in the comprehensive Roband<sup>®</sup> range are Toasters, Fryers, Milkshake Mixers, Rotisseries, Food Display Cabinets and much more.

Roband Australia also acts as the Australian agents for Vitamix<sup>®</sup> Blenders, NOAW<sup>®</sup> Meat Slicers, RYNO Stainless Benching, Robalec<sup>™</sup> Soup/Rice warmers and Dito Food Processors.

In addition to a vast range of machines, Roband Australia has its own line of commercial cookware and accessories under the Robinox<sup>®</sup> brand name.

For a complete set of brochures please contact your nearest authorised dealer or contact Roband directly at our head office.

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# **INTRODUCTION**

Congratulations on your purchase of this quality Roband® product. With proper care and management your new purchase will give you years of trouble free service.

By reading these instructions carefully you can ensure that this equipment is used and maintained properly, helping your new investment to perform well for you now, and to continue performing in the many years to come.

## **GENERAL PRECAUTIONS**

This equipment must only be operated by qualified person(s) who are fully versed in the operating and safety instructions described in this manual. Servicepersons should be instructed to familiarise themselves with any and all safety instructions described in this manual prior to commencement of any maintenance or service.

In the case of new personnel, training is to be provided in advance. This equipment should not be operated by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning the safe use of the appliance by a person responsible for their safety.

This equipment is for lighting, and as with any commercial lighting unit the surfaces on these Lamp assemblies may get **hot**. Always be careful when near an operating Lamp, and ensure that any risk to unwary customers or staff is minimised with additional signage if necessary. Due to the obvious heat hazard Roband recommends that these units be kept out of reach of children.

The performance of this unit cannot be guaranteed for operational use outside its design parameters. These Lamp assemblies are designed to provide illumination only.

The machine should be disconnected from all power and allowed to cool before cleaning.

### **Roband will accept no liability if;**

- ◆ Non-authorized personnel have tampered with the machine.
- ◆ The instructions in this manual have not been followed correctly.
- ◆ Non-original spare parts are used.
- ◆ The machine is not cleaned correctly, with the right product.
- ◆ There is any damage to the unit.

## **PACKAGING**

All care is taken when packing and Roband ensures that every unit is functional and undamaged at the time of packaging.

The Package of this Lamp Assembly should include:

- 1) One Lamp Assembly (appropriate model)
- 2) This Manual
- 3) Packaging Materials

Any damage to the machine as a result of freight must be reported to the Freight Company and to the agent responsible for the despatch of said unit within three (3) days of receipt. No claims will be accepted or entertained after this period.



## **COMPLIANCE**

Roband® products have been designed and manufactured to comply with any and all specifications set out by the Australian Communications Authority (ACA) in regards to Electromagnetic Compatibility. As testament to such compliance these units bear the C-Tick symbol.

For further information contact the Australian Communications Authority, PO Box 13112, Law Courts, Melbourne VIC 8010.

# **INSTALLATION**

Remove all the packaging materials and tape, as well as any protective plastic from the machine. Clean off any glue residue left over from the protective plastic or tape. In general we recommend that the lamps be mounted so as to be roughly 320-650mm above the level of the product to be illuminated/displayed. In general terms, the higher the Lamp assembly is mounted, the greater the area illuminated - but the intensity of illumination will decrease.

## **For model HF900, HF1500**

These units are designed to be mounted above food serving and preparation areas providing **LIGHT**.

We recommend mounting heights between 320mm and 650mm above the surfaces / products. Note the lower the mounting height the smaller the light coverage area will be. The higher the mounting height, the larger the light coverage area.

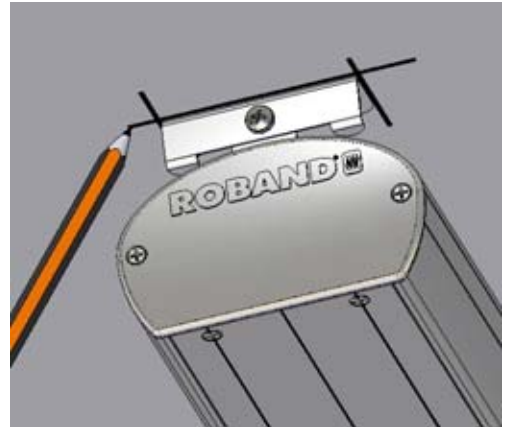
To mount, use the mounting brackets provided. Connect to a standard single-phase 10-amp outlet with the cord provided and operate the switch located on the end of the unit. Caution make certain that any excess cord length is kept away from the Lamp body.

## **Warning**

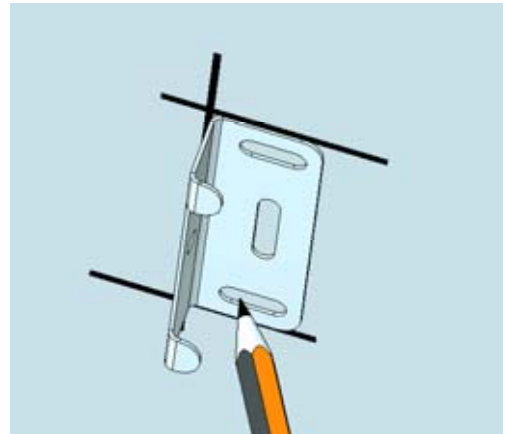
These units must not be installed near flammable materials.

## **Mounting procedure**

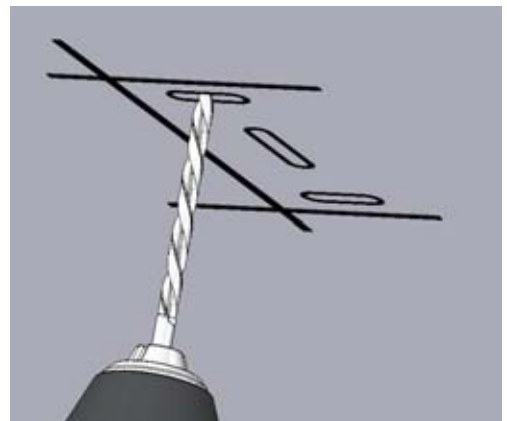
**STEP 1**, hold the Lamp in the position where it is to be mounted and mark the position of the mounting plates as shown.



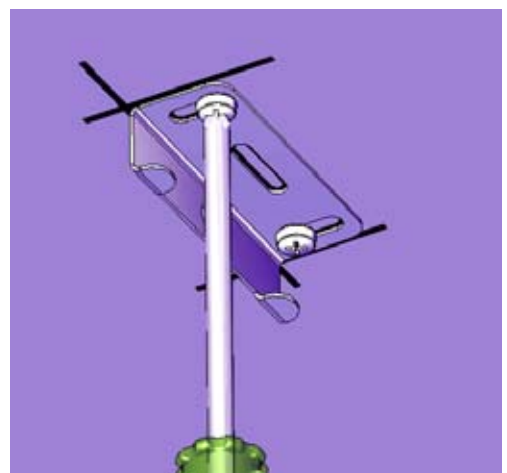
**STEP 2**, remove the mounting plates from the Lamp and position within the markings previously made and mark the drilling position for the holes through the slots in the plate as shown.



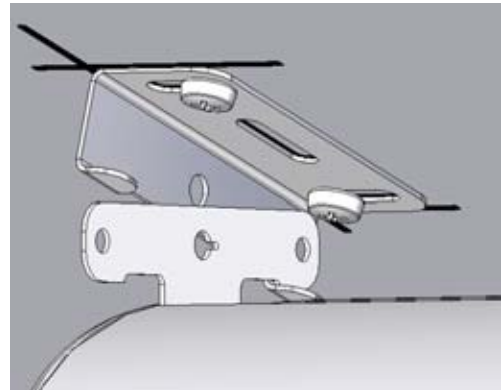
**STEP 3**, Drill holes on of the correct size for the mounting screws / bolts being used.



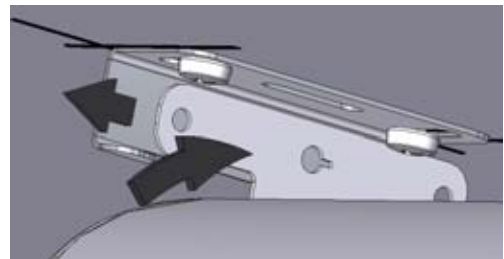
**STEP 4**, screw / bolt the mounting plates to the mounting face as shown.



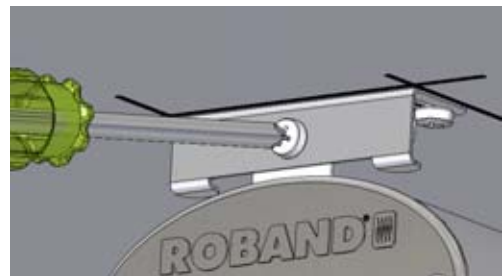
**STEP 5,** fit the Lamp hanging brackets into the mounting plates both ends at once as shown.



**STEP 6,** slide the Lamp into the mounting plates and lift it up at the same time then pull the Lamp back so that it rests on the hanging brackets as shown.



**STEP 7,** refit the screw locking the mounting plates to the Lamp hanging brackets making sure that they are firmly tightened.





## **OPERATION**

After the lamps have been installed, the unit is operable through the on/off switch located on the end of the unit.

As these Lamps are intended for use by equipment manufacturers, and their application and installation are beyond our control, they are only covered by a limited warranty against faulty workmanship and materials for a period of 12 months from date of purchase. All goods that are claimed under this warranty must be returned to the factory, freight prepaid, for inspection. Any part deemed to be defective will be replaced, however, no claims will be entertained for parts damaged in transport, misused or modified in any way without our approval.

# SAFETY

## GENERAL SAFETY

This machine contains no user-serviceable parts. Roband Australia, one of our agents, or a similarly qualified person(s) should carry out any and all repairs. Any repair person(s) should be instructed to read the Safety warnings within this manual before commencing work on these units.

Cutting processes such as those used in the construction of this equipment result in sharp edges. Whilst any such edges are removed to the best of our ability it is always wise to take care when contacting any edge.

Particular care should be taken to avoid contact with any steel edge, and warnings should be given in regards to the danger of such contact to any repair or maintenance person(s) prior to commencement of any servicing.

Do not remove any cover panels that may be on the machine.

National Standards exist outlining the positioning, spacing and ventilation requirements when installing new appliances. These Standards should be consulted and new equipment should be installed accordingly. In any situation where specifications allow a distance of less than 100mm we would still recommend that a well-ventilated air gap of not less than 100mm be maintained on all sides and that any materials closer than 100mm be non-flammable. If the machine is near particularly heat-sensitive materials common sense should be employed in determining sufficient distancing.

Ensure that any damaged cables are replaced before further use.

Keep this unit out of reach of children.

This unit can get hot. Ensure everyone is aware that the equipment is operating and take care to avoid contact with hot surfaces.

Always ensure the power cable is not in contact with hot parts of the machine when in use.

*Electricity is dangerous, and should only be handled by qualified professionals. It's your life – Don't risk it.*

## **CLEANING, CARE & MAINTENANCE**

Attention to regular care and maintenance will ensure long and trouble free operation of your Lamp assembly. Although scheduled servicing is not required we do recommend you adopt a program of regular maintenance to ensure that the Lamp assemblies are clean and functional and to avoid inadvertently damaging the unit.

Daily cleaning should be considered mandatory for all cooking equipment. In order to ensure the proper cleaning and to avoid damage to the Lamp assemblies the instructions below should be followed.

- ◆ Ensure the power is off and the Lamp is cool before attempting to clean any part of the machine.
- ◆ Wipe the lamp cover down with warm soapy water using a **damp** sponge or cloth. **Do not** immerse the Lamps in water.
- ◆ **Do not** let any moisture enter inside the Lamp or near the Fluorescent lamp.
- ◆ Always ensure the power cable is not in contact with hot parts of the Lamp assemblies when in use.
- ◆ Do not clean this unit with the use of a water jet.

Although every care is taken during manufacture to remove all sharp edges, care should be taken when cleaning and handling the Lamp assemblies to avoid injury.

## **Fluorescent Replacement:**

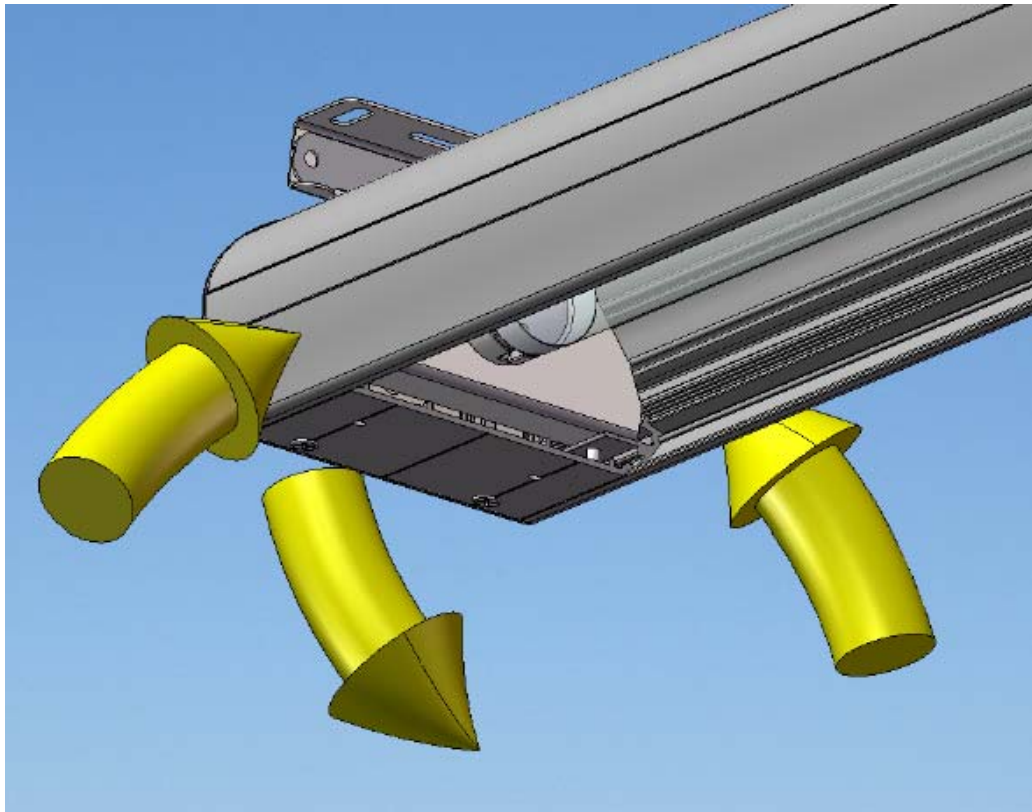
Fluorescent replacement is an easy operation that can be carried out by a suitably capable person. Ballast/starter and other component replacement should only be carried out by a qualified person such as an electrician.

### **Fluorescent Lamp Replacement**

1. Remove the Diffuser cover (the white plastic cover beneath the lamp). This can be done by pushing the cover up and maneuvering and twisting it sideways.
2. Hold the lamp at each end and rotate it in the sockets until it comes free.
3. Install the new lamp by pushing the lamp up into the sockets and rotating the lamp until it locks in.
4. Replace the diffuser.

### **Qualified Persons** instructions: - Ballast and other part replacement

1. Turn the unit off and unplug the machine.
2. Remove the 4 screws on the underside of the assembly
3. Squeeze the lower sides of the Lamp together and pull one side down to allow it to snap away.



4. Replace or repair parts as required.
5. Snap the cover back in place and refit the four screws.
6. Tag and Test before returning to service.

## **TROUBLESHOOTING**

If the Lamp Assembly does not function check the following points before calling for service.

- ✓ The device is plugged in correctly and the power at the wall switched on.
- ✓ The on/off Switch is switched to the on position.
- ✓ The power point is not faulty.
- ✓ The fluorescent has not failed.

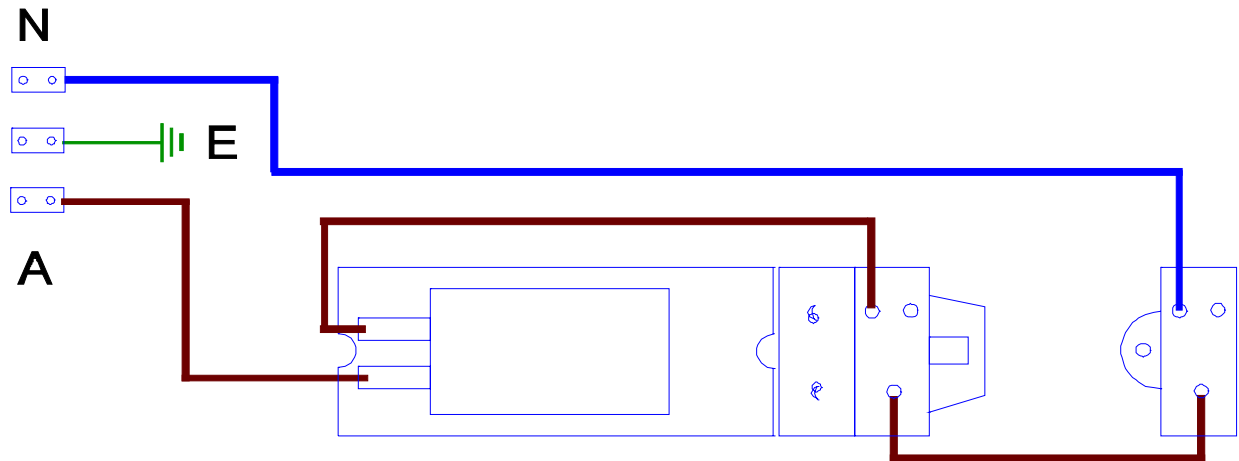
# **SPECIFICATIONS**

Model	Power Source	Lamp Rating	Power Rating	Length - mm	Nominal Dimensions	
					Depth - mm	Height - mm
<b>HF900</b>	220-240V AC	18 Watts	91-180W	900	108	65
<b>HF1500</b>	220-240V AC	36 Watts	118-141W	1500	108	65

Constant Research & Development may necessitate machine changes at any time.

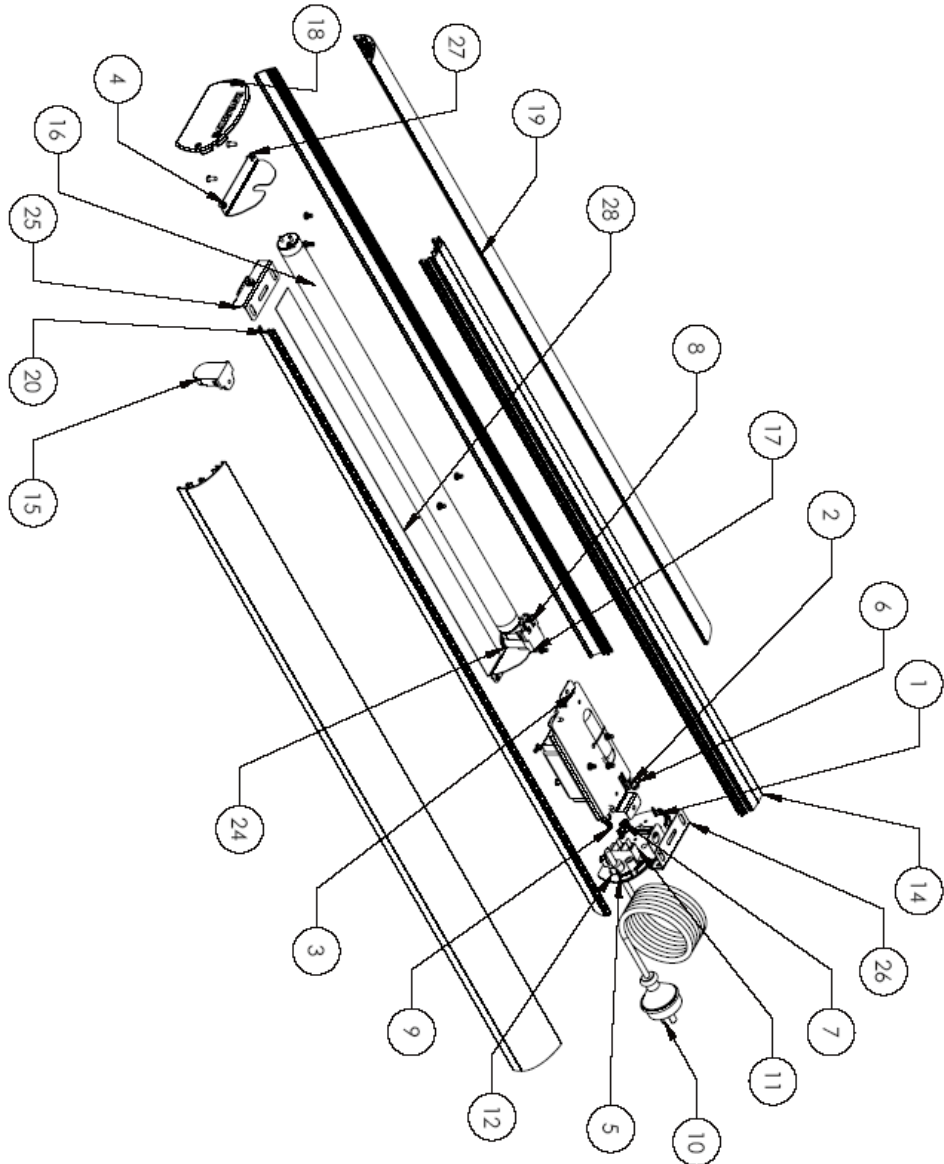
# CIRCUIT DIAGRAM\*

Models: HF Series



\*This circuit diagram has been provided for reference and to assist qualified service and repair agents only. Under no circumstances should person's not suitably qualified attempt repairs to any electrical equipment.

# EXPLODED DIAGRAM (HF900)



ITEM NO.	PART NUMBER	HF 900/QTY.
1	DS0046 - End Cap Punched	1
2	HF Ballast Assembly	1
3	MC0747 - Screw 8g x 1/4 Type B Pozl Slot Self Tapping	12
4	MC0284 - Rivet - 73MS 4-2 Truss Head	6
5	MC0748 - Screw 6g x 1/6 Type AB Pozl CSK SS Self Tapping	4
6	MC0712 - Screw - M5 x 8 - SS	2
7	MC0750 - Screw - M4 x 10 Long CS SS	4
8	MC0792 - Screw 8g x 3/8 Type B Pozl Slot Self Tapping	2
9	MC0608 - M5 x 12 Ph Trx Zp Trilobe	1
10	EC0019 - Plug & Cord - Black 10A	1
11	EC0158 - Switch, Rocker-Black 30 x 11	1
12	PC0060 - Cord Clamp 10A	1
13	PC0372 - PC0373	2
14	HF Series Centre Extrusion	1
15	EC0352 - T8 Fluoro Lamp Holder Surface Mount	1
16	EC0124 - Fluorescent Tube - 18W	1
17	EC0123 - Fluoro Lamp Holder Start Base	1
18	DC0095 - End Cap	1
19	HF Series Side Extrusion	2
20	HF Series Lower Side Extrusion	2
21	HF Series End Cover Extrusion	1
22	HF Series End Cover Extrusion	1
23	Rolling Plate Plain	1
24	EC0131 - Starter	1
25	SS2166 - Chain Bracket	2
26	SS2168 - SS2169 - Ceiling Mount	2
27	SS2285 - Lower Element Retainer	2
28	SS2334 - 18W Wiring Cover	1



# **NOTES**

Record any preferred times or settings etc. here to act as a quick reference for other users.

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Record any preferred times or settings etc. here to act as a quick reference for other users.



## Warranty

Every care is taken to ensure that no defective equipment leaves our factory and all goods manufactured by us are guaranteed against faulty workmanship and materials for a period of 12 months from the date of purchase. Glass and lamps are **not** included in this warranty. Generally, all goods claimed under this warranty must be returned to the factory or an authorised service agent, freight prepaid, for inspection. Any part deemed to be defective will be replaced, however, no claims will be entertained for parts damaged in transport, misused or modified in any way without our approval. For machines that are not considered to be portable (e.g. food bars, rotisseries, large hotplates and some bain maries), on site warranty service will be provided in capital city metropolitan areas only. In all other locations, the customer is responsible for all travelling time/service call costs and payment for this will be required prior to the commencement of the repair. The labour costs to actually repair the fault will be met by this company.

This company reserves the right to reject a claim for warranty if it is not completely satisfied with the circumstances under which it occurred and any costs incurred for false claims or faults due to incorrect usage etc. are the responsibility of the claimant. Under no circumstances shall Roband Australia Pty Ltd or any subsidiary company or Agent be liable for loss of profit or damage to other equipment and property.

Generally, authorised service agents are located in all areas, which have authorised distribution dealers. For the name of your nearest Australian authorised service agent please contact:

ROBAND AUSTRALIA PTY LTD  
Warranty Number: 1800 268 848  
Phone: (02) 9971 1788 Fax: (02) 9971 1336

All other countries please contact your selling agent.

Please complete the following details and keep this card in a safe place.

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

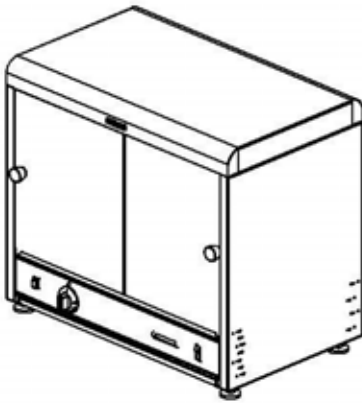
MODEL No.: \_\_\_\_\_ SERIAL No.: \_\_\_\_\_ DATE PURCHASED: \_\_\_\_\_

NAME OF DEALER: \_\_\_\_\_

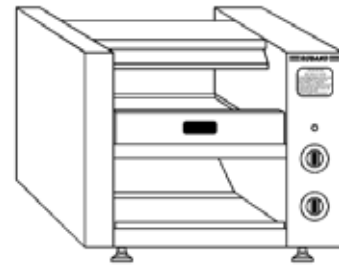
**PLEASE RETAIN THIS SECTION FOR YOUR RECORDS**

**DO NOT POST**  
**ROBAND AUSTRALIA PTY LTD**

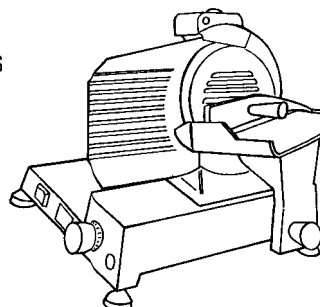
ALSO AVAILABLE THROUGH YOUR ROBAND  
DISTRIBUTOR



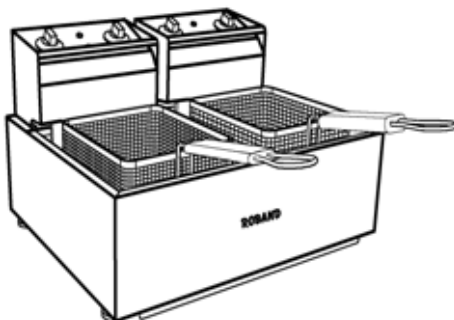
$\pi$ -Plus  
Pie & Food Warmers



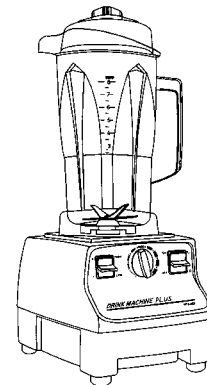
Conveyor Toasters



NOAW Slicers



High Performance Deep Fryers



**Worlds #1  
Blender**

Vitamix Blenders

Manufactured/Imported in Australia by  
**ROBAND AUSTRALIA PTY LTD**

Authorised Distributor/Agent